

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| S1 | 2 | ("6586977").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/08 10:23 |
| S3 | 24 | ((yang near fuji) or (larsson near patrick) or ("o'neill" near jay)).in. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/08 10:24 |
| S4 | 12 | S3 and clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/08 10:24 |
| S5 | 3 | ("6078200" "6115586" "6194929").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/08 10:26 |
| S6 | 0 | ("6586977").URPN. | USPAT | OR | OFF | 2005/02/08 10:28 |
| S7 | 2428 | 375/327,375,376,373.ccls. | USPAT | OR | OFF | 2005/02/08 10:28 |
| S9 | 1198 | 327/156,147.ccls. | USPAT | OR | OFF | 2005/02/08 10:28 |
| S10 | 3299 | S7 or S9 | USPAT | OR | OFF | 2005/02/08 10:28 |
| S11 | 0 | S10 and pll and demultiplex\$4 and (phase near interpolat\$4) and integrat\$4 | USPAT | OR | OFF | 2005/02/08 10:30 |
| S12 | 0 | S10 and pll and demultiplex\$4 and (phase near interpolat\$4) | USPAT | OR | OFF | 2005/02/08 10:30 |
| S13 | 6 | pll and demultiplex\$4 and (phase near interpolat\$4) | USPAT | OR | OFF | 2005/02/08 10:34 |
| S14 | 202 | (phase near (interpolat\$ and detect\$4)) | USPAT | OR | OFF | 2005/02/08 10:34 |
| S15 | 96 | S14 and pll | USPAT | OR | OFF | 2005/02/08 10:34 |
| S16 | 3 | S15 and demultiplex\$4 | USPAT | OR | OFF | 2005/02/08 10:35 |
| S17 | 65 | S15 and integrat\$4 | USPAT | OR | OFF | 2005/02/08 10:53 |
| S18 | 44295 | serdes or (serial with parallel) | USPAT | OR | OFF | 2005/02/08 10:54 |
| S19 | 16 | S14 and S18 | USPAT | OR | OFF | 2005/02/08 10:58 |
| S20 | 10 | serdes.ab. | USPAT | OR | OFF | 2005/02/08 10:58 |
| S21 | 2 | ("6011407" "6031428").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/08 11:01 |
| S22 | 1 | ("6650141").URPN. | USPAT | OR | OFF | 2005/02/08 11:07 |
| S23 | 47 | serdes and pll | USPAT | OR | OFF | 2005/02/08 11:07 |
| S24 | 574 | phase near interpolat\$ | USPAT | OR | OFF | 2005/02/08 11:07 |
| S25 | 36 | S23 and "24" | USPAT | OR | OFF | 2005/02/08 11:08 |

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|-----|--------|--|--|----|-----|------------------|
| S26 | 177003 | serial and "14" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/08 11:51 |
| S27 | 202 | (phase near (interpolat\$ and detect\$4)) | USPAT | OR | OFF | 2005/02/08 11:51 |
| S28 | 39 | serial and S27 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 10:42 |
| S29 | 21 | pll and (serial with parallel) and (phase near interpolat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 10:43 |
| S30 | 23 | pll and (serdes or (serial with parallel)) and (phase near interpolat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 11:49 |
| S31 | 207 | deseriali\$6 and pll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 11:49 |
| S32 | 5 | deseriali\$6 and pll and (demulti\$8 select\$6) and (phase with interpolat\$6) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 11:50 |
| S33 | 5 | deseriali\$6 and pll and (demulti\$8 select\$6) and (phase with interpolat\$6) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:55 |
| S34 | 210558 | integrat\$4 same (demultiplex\$4 select\$4 switch\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:56 |
| S35 | 4527 | S34 and pll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:56 |
| S36 | 46 | S34 and pll and (phase near interpolat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:01 |
| S37 | 177 | (integrat\$4 near dump) same (demultiplex\$4 select\$5 switch\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:02 |
| S38 | 0 | S37 and pll and (phase near interpolat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:02 |

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| S39 | 533 | (integrat\$4 near dump) and (demultiplex\$4 select\$5 switch\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:02 |
| S40 | 0 | S39 and pll and (phase near interpolat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:02 |
| S41 | 0 | 10I and (phase near interpolat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:02 |
| S42 | 2 | S39 and (phase near interpolat\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:02 |
| S43 | 7906 | data near recovery | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 12:37 |
| S44 | 2 | ("6552619").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 12:37 |
| S45 | 0 | S43 and S44 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 12:37 |
| S46 | 118 | S43 and dll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 12:37 |
| S47 | 40 | S43 and dll and (clock near recovery) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 12:37 |
| S48 | 36 | S47 and pll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 12:40 |
| S49 | 8 | (phase near detect\$4) and (phase near interpolat\$4) and (data near recovery) and dll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 12:46 |
| S50 | 2 | S44 and data | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/10 12:46 |

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| S51 | 3 | ("6078200" "6115586" "6194929").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/10 13:45 |
| S52 | 0 | ("6552619").URPN. | USPAT | OR | OFF | 2005/02/10 13:59 |
| S53 | 202 | phase near (detect\$4 and interpolat\$4) | USPAT | OR | OFF | 2005/02/10 13:59 |
| S54 | 12 | dll and (data near recover\$4) and S53 | USPAT | OR | OFF | 2005/02/10 13:59 |
| S55 | 3148 | clock near distribution | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 12:34 |
| S56 | 754 | bocure.xp. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:36 |
| S57 | 682 | (don near vo).xp. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:36 |
| S58 | 267 | (don near vo).xa. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:37 |
| S59 | 0 | (don near ton).xa. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:37 |
| S60 | 0 | (don near ton).xp. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:37 |
| S61 | 0 | (don near son).xp. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:37 |
| S62 | 4827 | (don).xp. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:37 |
| S63 | 1292 | (don).xa. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:37 |
| S64 | 9974 | S55 S56 S57 S58 S62 S63 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:39 |

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|-----|--------|---------------------------------------|--|----|-----|------------------|
| S65 | 47476 | pll dll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:39 |
| S66 | 11599 | pll and vco | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:39 |
| S67 | 344 | S64 and S66 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:40 |
| S68 | 342455 | (in near phase) inphase real | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 11:41 |
| S69 | 514 | S68 near clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:41 |
| S70 | 1 | S67 and S69 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:48 |
| S71 | 5560 | 375/355,356,371,372,373,376. ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:48 |
| S72 | 98 | S67 and S71 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:51 |
| S73 | 6873 | S56 S57 S58 S62 S63 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:51 |
| S74 | 47 | S73 and S55 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:52 |
| S75 | 12 | S71 and S74 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:53 |
| S76 | 5 | "5289866" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:54 |

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|-----|---------|--|--|----|-----|------------------|
| S77 | 68 | "5307381" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:53 |
| S78 | 25 | "5339253" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:53 |
| S79 | 100 | "5361277" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:53 |
| S80 | 15 | "5376842" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:53 |
| S81 | 30 | "5397943" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:53 |
| S82 | 35 | "5398262" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 11:54 |
| S83 | 14 | ((("5289866") or ("5307381") or ("5339253") or ("5361277") or ("5376842") or ("5397943") or ("5398262"))).PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 12:01 |
| S84 | 3148 | clock near distribution | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:11 |
| S85 | 2097684 | integrat\$4 filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 12:34 |
| S86 | 2166823 | integrat\$4 filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 12:34 |
| S87 | 73247 | S86 same clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 12:35 |
| S88 | 224 | pll and vco and S84 and S86 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 12:35 |

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| S89 | 211 | pll and vco and S84 and S87 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 12:35 |
| S90 | 121 | S89 and (phase near detect\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 12:35 |
| S91 | 8 | ("4563657" "5018170" "5187722" "5260608" "5675620" "5790614" "6163186" "6356129").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/16 13:03 |
| S92 | 1 | ("6594330").URPN. | USPAT | OR | OFF | 2005/02/16 13:06 |
| S93 | 3148 | clock near distribution | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 13:27 |
| S94 | 1136088 | filter or integrator | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 13:27 |
| S95 | 1223289 | filter or integrator | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 13:27 |
| S96 | 697 | S95 and S93 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 13:27 |
| S97 | 186 | pll and vco and S96 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 13:28 |
| S98 | 166 | S97 and ((phase near interpolat\$4) or multipl\$6) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 13:28 |
| S99 | 50 | S97 and (((phase near interpolat\$4) or multipl\$6) same S95) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 14:10 |
| S10 0 | 10572 | filter with integrator | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 14:22 |
| S10 1 | 3148 | clock near distribution | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:11 |

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| S10 2 | 30 | S100 and S101 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:12 |
| S10 3 | 0 | S102 and (integrat\$4 near dump) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:21 |
| S10 4 | 0 | S102 and (sampl\$4 near dump) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:12 |
| S10 5 | 2 | S102 and (sampl\$4 near hold\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:14 |
| S10 6 | 89865 | (lowpass or (low near3 pass)) near filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:14 |
| S10 7 | 236 | S106 and (integrat\$4 near dump) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:14 |
| S10 8 | 5349 | S106 and (sampl\$4 near hold\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:14 |
| S10 9 | 5547 | S107 or S108 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:14 |
| S11 0 | 575 | S109 and S100 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:15 |
| S11 1 | 114 | S110 and pll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:16 |
| S11 2 | 100 | clock and S111 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:16 |
| S11 3 | 100 | clock and S111 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 14:21 |

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|----------|---------|--|--|----|-----|------------------|
| S11 4 | 1223289 | filter integrator | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/16 14:21 |
| S11 5 | 533 | S114 and (integrat\$4 near dump) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:23 |
| S11 6 | 62 | S115 and pll and clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:23 |
| S11 7 | 101 | S100 and (integrat\$4 near dump) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:44 |
| S11 8 | 17 | S117 and pll and clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:23 |
| S11 9 | 267 | (integrat\$4 near dump) with (filter integrator) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:30 |
| S12 0 | 40 | S119 and pll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:30 |
| S12 1 | 18 | (integrat\$4 near dump) with clock with filter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 14:45 |
| S12 2 | 60 | ((integrat\$4 near dump) with filter) same clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 15:07 |
| S12 3 | 6 | S122 and pll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 15:02 |
| S12 4 | 38 | 375/130-377.ccls. and S122 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 15:07 |
| S12 5 | 6313 | clock near recovery | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 15:07 |

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| S12 6 | 216 | ((integrat\$4 near dump) with filter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 15:07 |
| S12 7 | 12 | S125 and S126 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 15:19 |
| S12 8 | 2 | ("6552619").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 16:45 |
| S12 9 | 1 | sync\$12 and S128 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 15:20 |
| S13 0 | 2 | ("6552619").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 16:45 |
| S13 1 | 2 | S130 and data | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 16:47 |
| S13 2 | 6 | dll and ((data and clock) near recover\$4) and (clock near distribut\$6) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 17:01 |
| S13 3 | 7 | (synchronizer with skew) and (clock near distribution) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 17:17 |
| S13 4 | 13 | (clock near distribution) and ((integrators filter) with demultiplex\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:38 |
| S13 5 | 141 | (clock near distribution) and ((integrators filter) with (select\$4 divid\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 17:19 |
| S13 6 | 75 | S135 and pll | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:34 |
| S13 7 | 27 | ((filters integrators) near (divid\$4 split\$4 demultiplex\$4)) same clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:37 |

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| S13 8 | 388 | ((filters integrators) near (second two)) same clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:39 |
| S13 9 | 3148 | (clock near distribution) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:38 |
| S14 0 | 7 | S138 and S139 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:38 |
| S14 1 | 15 | ((filters integrators) near (divid\$4)) same clock | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 12:20 |
| S14 2 | 0 | S139 and S141 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 11:39 |
| S14 3 | 540 | 375/327.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 12:20 |
| S14 4 | 0 | S143 and (clock near distribution) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 12:20 |
| S14 5 | 31 | integrators with demultiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/01 14:31 |
| S14 6 | 62 | (diversity near antenna) and (phase near (detect\$4 comparat\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/01 14:52 |
| S14 7 | 2 | ("6586977").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/01 14:52 |
| S14 8 | 3 | ("6078200" "6115586" "6194929").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/01 14:54 |
| S14 9 | 826 | (clock with synchroni\$6) same integrators | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/01 14:54 |

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| S15 0 | 942 | (clock with synchroni\$6) same integrators | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 14:55 |
| S15 1 | 44 | S150 and (clock near recovery) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:06 |
| S15 2 | 431 | 327/307.ccls. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:29 |
| S15 3 | 1246 | 330/9.ccls. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:29 |
| S15 4 | 1606 | S152 S153 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:31 |
| S15 5 | 244 | S154 and compar\$4 and (integrator dac counter) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:31 |
| S15 6 | 28 | S155 and equali\$6 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 16:32 |
| S15 7 | 2527894 | latch\$4 switch\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:27 |
| S15 8 | 1262949 | integrat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:27 |
| S15 9 | 42124 | demultiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:27 |
| S16 0 | 10695 | S157 and S158 and S159 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:27 |

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| S16 1 | 854 | S157 same S158 same S159 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:28 |
| S16 2 | 6777 | clock near recovery | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:28 |
| S16 3 | 29 | S161 and S162 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:29 |
| S16 4 | 5 | latch same integrator same demultiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:31 |
| S16 5 | 17797 | demultiplex\$4.ab. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:31 |
| S16 6 | 1163 | S157 and S158 and S165 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:31 |
| S16 7 | 549 | (S157 same S158) and S165 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:42 |
| S16 8 | 43803 | deserial\$4 demultiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:36 |
| S16 9 | 94 | deserial\$4 same demultiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:36 |
| S17 0 | 40 | S157 and S158 and S169 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/22 14:37 |
| S17 1 | 409 | S165 and (latch switch) same integrat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 14:43 |

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|----------|--------|---|---|----|----|------------------|
| S17 2 | 143 | clock and data and S171 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 14:46 |
| S17 3 | 24645 | (integrator integrater) same (latch switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 14:46 |
| S17 4 | 38 | S165 and S173 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 15:03 |
| S17 5 | 245220 | parallel same data | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 15:03 |
| S17 6 | 1808 | S173 and S175 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 15:03 |
| S17 7 | 68 | S162 and S176 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 15:25 |
| S17 8 | 4077 | receiver same (demultiplex\$4 split\$4 deserial\$5) same (switch latch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 15:26 |
| S17 9 | 59 | S178 same S173 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/22 15:26 |
| S18 0 | 0 | ("2003/0053565").URPN. | USPAT | OR | ON | 2006/01/22 15:26 |